

# PATENT ABSTRACTS OF JAPAN

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(71)Applicant : MATSUSHITA ELECTRIC IND  
CO LTD

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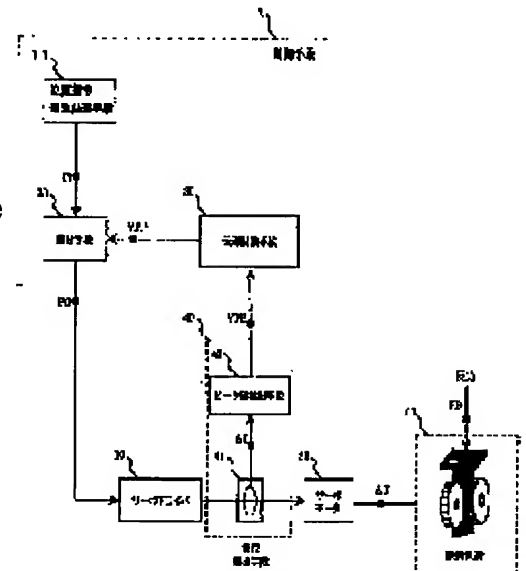
(72)Inventor : TAMESUE KAZUHIKO

## (54) HYBRID CONTROLLER

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To eliminate the necessity of tactile force sensor for hybrid control for force and a position.

**SOLUTION:** The hybrid controller is provided with a servo driver 30 for receiving a position command pulse string and outputting a servo motor driving current, a servo motor 50 for executing prescribed rotation in accordance with the driving current of the driver 30, a mechanical load 60 for transmitting force from the motor 50 to a controlled target and reaction force from the controlled target to the motor 50, tactile force sense detection means 40 for detecting the driving current of the motor 50 and obtaining an estimation value of reaction force to be applied to the load 60, and a control means 1 for generating a new position command pulse string in accordance with a distance and supplying the generated pulse string to the driver 30.



## LEGAL STATUS

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